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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/712,245	11/12/2003	Shih-Shien Hsiao	JCLA12023	9471

7590
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02/23/2006

EXAMINER

NGUYEN, DUC M

ART UNIT PAPER NUMBER

2685

DATE MAILED: 02/23/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	10/712,245	HSIAO, SHIH-SHIEN	
	Examiner	Art Unit	
	Duc M. Nguyen	2685	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-11 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-11 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. ____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. ____. |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date ____. | 6) <input type="checkbox"/> Other: ____. |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claim 1 is rejected under 35 U.S.C. 102(b) as being anticipated by **Yuyama et al** (US 5,612,732).

Regarding claim 1, **Yuyama** discloses a mobile phone device with video output function, comprising a mobile phone circuit with digital camera function (see Abstract, Figs. 2-3, noting the portability of the phone), for capturing a digital image (see col. 7, lines 57-62 regarding the camera mode), and a video A/D converter, coupled to the mobile phone circuit for converting the digital image into an analogue video output signal (see col. 8, lines 15-18).

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims **1-3, 9-11** are rejected under 35 U.S.C. 103(a) as being unpatentable by **Kubo** et al (US **6,795,715**) in view of **Yuyama** et al (US **5,612,732**).

Regarding claim **1**, **Kubo** discloses a mobile phone device with video output function, comprising a mobile phone circuit with digital camera function, for capturing a digital image and a video converter, coupled to the mobile phone circuit for converting the digital image into an analogue video output signal (see Figs 1-2 and col. 6, lines 17-26), which would include all the claimed limitations except for a digital/analog converter (DAC). Here, although **Kubo** is silent on the DAC for the video converter circuit 12, it is noted that in order to convert image data to a TV or video signal, a DAC would obviously, if not inherently, be needed by the video converter circuit 12 in **Kubo**, in order to provide a video signal output as disclosed by **Yuyama** (see Fig. 3 and col. 8, lines 15-18). Therefore, the claimed limitation is made obviously by **Kubo** and **Yuyama** regarding a DAC.

Regarding claim **2**, it is rejected for the same reason as set forth in claim 1 above. In addition, it is clear that **Kudo** would disclose an RF unit, a digital camera, a display and a base frequency processor as claimed. However, **Kubo** fails to disclose a memory card. However, **Yuyama** discloses a memory card for storing images taken by the camera (see Fig. 24 and col. 30, lines 1-10). Therefore, it would have been obvious to one skilled in the art at the time the invention was made to further incorporate the above teaching of **Yuyama** to **Kudo** for utilizing a memory card as well, for extending the storage capability of camera and the mobile phone.

Regarding claim **3**, it is rejected for the same reason as set forth in claim 1 above. In addition Kudo discloses a LCD display (see col. 5, lines 13-14).

Regarding claims **9-11**, they are rejected for the same reason as set forth in claim 1 above. In addition, since Kudo discloses a video output terminal 10 (see Fig. 1), it is clear that the output terminal signal in Kudo can be displayed through a display device with a video input terminal as claimed (i.e, VCR, screen projector, TV set, etc).

5. Claims **4-8** are rejected under 35 U.S.C. 103(a) as being unpatentable by **Kubo** in view of **Yuyama** and further in view of **Lee** (US 2004/0230789).

Regarding claims **4-8**, they are rejected for the same reason as set forth in claim 2 above. In addition, since such memory cards as recited in the claims are well known in the art as mentioned by **Lee** (see [004]), it would have been obvious to one skilled in the art at the time the invention was made to modify Yuyama and Kudo for utilizing such memory cards as well, for utilizing advantages provided by each type of the card such as cost, speed, storage capacity, compact, or multimedia features, etc.

Conclusion

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Nagasawa (US 2004/0087350), Mobile phone with power saving function.

Le (US 2005/0037647), Memory card compatible with multiple connector standard.

Hayashi et al, (JP407046526A), Digital still camara.

Art Unit: 2685

7. **Any response to this action should be mailed to:**

Commissioner of Patents and Trademarks

Washington, D.C. 20231

or faxed to:

(571) 273-8300 (for **formal** communications intended for entry)

(571)-273-7893 (for informal or **draft** communications).

Hand-delivered responses should be brought to Customer Service Window,
Randolph Building, 401 Dulany Street, Alexandria, VA 22314.

Any inquiry concerning this communication or communications from the examiner
should be directed to Duc M. Nguyen whose telephone number is (571) 272-7893,
Monday-Thursday (9:00 AM - 5:00 PM).

Or to Doris To (Supervisor) whose telephone number is (571) 272-7629.

Duc M. Nguyen, P.E.

Feb 8, 2006

